Take productivity to the next level with an AI PC

intel CORE ULTRA

The future of computing takes flight with AI-infused applications across the user and IT domains. With the arrival of the AI PC, some traditionally cloud-based workloads now shift to local compute on the PC.

Extending AI to the PC opens new opportunities to better respond to IT and user needs by integrating AI into apps that use any combination of cloud, client, and hybrid models.

54% of global mobility decision-makers say **flexibility to handle present and future AI demands** is a key benefit of edge computing[1]

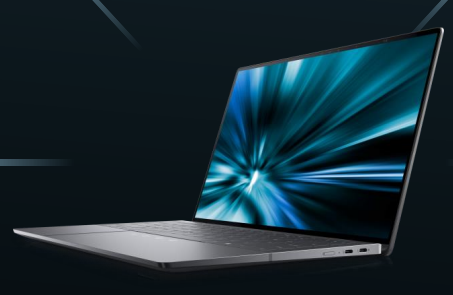
What is the AI PC?

A PC with the latest Intel® Core™ Ultra processor that brings fresh AI experiences in productivity, creativity, and security through a combination of the CPU, GPU, and the all-new NPU.

What End Users can do with AI

Personalized Productivity Assistant

Enhanced Search



Commercial AI PC

Virus/Threat Detection

59% US ITDMs report increasing accuracy and quality of work[2]

Premium Collaboration Experience

Data Analysis & Insights

Up to 59% better application performance vs. 3-yr-old PC as measured by Crossmark overall score [3]

Up to 132% faster AI video editing (gen over gen) using Adobe Premier Pro Beta [4]

Up to 13% lower power with AI-enhanced collaboration on Teams 10-person call with Windows Studio Effects on NPU [5]

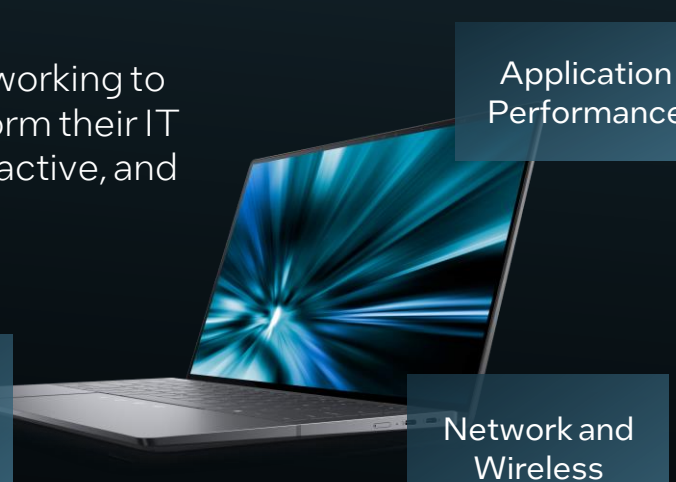
Up to 82% better graphics performance [6]

What IT Managers can do with AI

It's not only end users who benefit. According to Gartner®, Artificial Intelligence for IT Operations (AIOps) has the potential to revolutionize the way IT teams work. By effectively harnessing the power of AI, an AIOps platform can empower organizations to automate tasks, streamline operations, and boost efficiency in unprecedented ways.[7]

With the introduction of the AI PC, Intel is working to accelerate AI for IT, helping ITDMs transform their IT operations from reactive to predictive, proactive, and even automated operations.

61% US ITDMs report saving time by automating routine tasks[8]



Automate Tasks

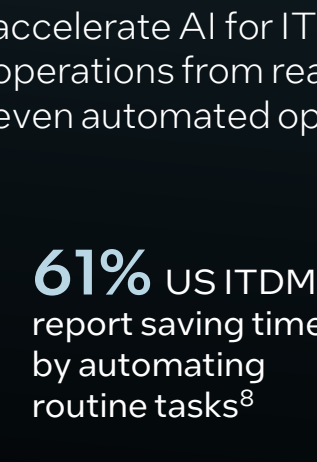
Draw Data Insights

Streamline Operations

Boost Efficiency

Recent projections show the value of these capabilities will propel the AIOps market to 27% year-over-year growth annually from 2023 to 2032[9]

Why Intel® Core™ Ultra Processors?



The right balance of power and performance for AI

CPU	**Fast Response** Ideal for lightweight, single-inference, low-latency AI tasks
GPU	**Performance Parallelism & Throughput** Ideal for AI infused in Media/3D/Render pipeline
NPU	**Dedicated Low-Power AI Engine** Ideal for sustained AI and AI offload

Run your AI workloads on a machine hardened for security

By design, Intel® Core™ Ultra processors and Intel vPro® provide a more secure foundation for modern computing and AI.

Intel provides foundational protections for AI models and their data throughout the entire computing process.

Get longer battery life with **up to 40%** lower processor power for AI enhanced collaboration[10]

Killer app is "choice"

100+ AI-enhanced apps/features

zoom, webex by CISCO, Adobe, Khan Academy, Microsoft Defender for Endpoint, Copilot, wondershare, CROWDSTRIKE

Four AI frameworks

ONNX, OpenVINO, DirectML, W3C Web Neural Network API

How to bring AI PCs to Your Environment

Choose AI PCs with integrated AI engines across CPU/GPU/NPU to enable better productivity, collaboration, media creation and much more.

Get the most out of your Windows 11 migration by investing in AI PCs with Intel® Core™ Ultra featuring Intel vPro® technology.

Have peace of mind with a secure foundation by design and manageability features that enable the next wave of services-ready endpoints.

More than 100M processors with AI accelerators through 2025

Notices and Disclaimers: 1. Forbes. Top Artificial Intelligence (AI) Predictions for 2020 From IDC and Forrester. Nov 2019. 2. 2023 AI on the PC Feature Prioritization Study; Quantitative phase. 3. As measured by CrossMark overall score Intel® Core™ Ultra 7 165H vs. Intel® Core™ i7-11850H. 4. As measured by AI video editing workload using Adobe Premiere Pro Beta Intel Core Ultra 7 165H vs. Intel Core i7-1370P. 5. As measured by SoC package power during Microsoft Teams 10-person call Intel Core Ultra 7 165H vs. Intel Core i7-1370P. 6. As measured by 3DMark Time Spy comparing Intel Core Ultra 7 165H vs. Intel Core i7-1370P. Test date November 27, 2023. 7. Gartner. How to Get Started with AIOps. Mar 2019. 8. 2023 AI on the PC Feature Prioritization Study. 9. Global Market Insights. AIOps Market Size. 10. As measured by SoC package power using XSplit VCam for background removal, auto framing, enhanced lighting, chair removal using Intel Core Ultra 7 165H vs. Intel Core i7-1370P. Performance varies by use, configuration, and other factors. Learn more at www.intel.com/performanceindex. Intel technologies may require enabled hardware, software or service activation. Built into the hardware, Intel® Thread Director is provided only in performance hybrid architecture configurations of 12th Gen or newer Intel® Core™ processors; OS enablement is required. Available features and functionality vary by OS. Performance hybrid architecture combines two core microarchitectures, Performance-cores (P-cores) and Efficient-cores (E-cores), on a single processor die first introduced on 12th Gen Intel® Core™ processors. Select 12th Gen and newer Intel® Core™ processors do not have performance hybrid architecture, only P-cores or E-cores, and may have the same cache size. See ark.intel.com for SKU details, including cache size and core frequency. All versions of the Intel vPro® platform require an eligible Intel processor, a supported operating system, Intel LAN and/or WLAN silicon, firmware enhancements, and other hardware and software necessary to deliver the manageability use cases, security features, system performance, and stability that define the platform. See www.Intel.com/PerformanceIndex/vPro for details. Intel is committed to the continued development of its renewable, sustainable, and green networks, as we strive to prioritize greenhouse gas reduction. Refer to Intel Corporate Responsibility Report 2021-2022 or visit www.Intel.com/2030goals for further information. No product or component can be absolutely secure. Learn more at www.Intel.com/PerformanceIndex (Security & Manageability). Your costs and results may vary.